

An Extract of the Journall of the Philosophicall Society of Oxford; giving an account of a large præternaturall Glandulose substance, found between the Heart and Pericardium of an Ox.

Novem. 4th 1684.

THAT Lump of Flesh, taken out of an Ox, and seen by this *Society*, the last Week; having been examined, by severall of our Members, afforded the following Observations.

The weight of the whole substance, cleared from the little Fat, &c. adjoining to it, amounted to $19\frac{3}{4}$ l.

As to its figure, it so far resembled a *Heart*, that it was along time taken for nothing else; but it was something flatter, than the *Heart* is naturally; each of the flat sides making an equilaterall Triangle.

The *Basis* of this *Cone* of flesh was 2 foot 7 inches in Circumference: a thred drawn round it lengthways, from the *Basis* to the *Vertex*, came to 2 foot, 9 inches.

We then divided it, cutting from the *Vertex* to the *Basis* of the *Cone*; and passing thro both the *Ventricles*, and *Mucro* of the *Heart*; by which means we saw the *Heart* not to exceed the naturall size; that which was extraordinary about it, being a large *Glandulous* substance compassing the *Heart* (unless where the Vessels had their passage,) and stretching the *Pericardium* to the excess before mentioned: We saw no Liquor in the *Pericardium*, nor indeed was there room for any; this *Glandulose substance* taking up all the space between the *Heart* and *Pericardium*, to both which it grew very fast.

This præternaturall substance was thickest about the *Basis* of the *Heart*, where it covered the *Auricule*, and was
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three inches and $\frac{1}{2}$ of an inch thick; it grew thinner on both sides gradually toward the *Mucro*; where it was one inch and $\frac{1}{2}$ thick.

In the *Septum Cordis* a gritty Sabulose substance was found, half as big again as a Walnut.

In the *Lungs* were severall *Cystides*, containing matter more or less fluid: one very larg *Cystis* held some ounces of a matter not unlike that of a *Steatoma*.

The Butcher who killd this Ox, says, the *Lungs* grew fast to the *Pleura*, on both sides; which He affirms not to have found once in forty times, in the Cattle killd by Him.

He says also, that the Ox, tho not overburthend with Fat, complaind much in travailing; which is easy to account for, there being not room for the *Heart* to be distended, as it ought, in its *Diafole*.